

ABSTRACT

**TRIP DEVICE COMPRISING AN IMPROVED MAN-MACHINE INTERFACE AND
CIRCUIT BREAKER COMPRISING SUCH A TRIP DEVICE**

5

The electronic trip device comprises a processing unit having inputs to receive electrical signals representative of electrical quantities and an output to supply a tripping signal to a tripping relay, and a man-machine interface connected to the processing unit to supply setting parameters and to display information and tripping curves on a screen. The man-machine interface comprises display means for displaying setting parameters which modify the visual aspect of at least one portion of curve representative of a parameter whose setting is being adjusted. The circuit breaker comprises such a trip device connected to current sensors and to contacts to interrupt currents in electrical conductors.

10